

the south of La Cassidague. *Aleyonium palmatum* is found to the east of Riou, at 90 and 100 metres, in a very fine muddy sand. The specimens belong to the pedunculate form of the muddy bottoms; the tissues, however, are denser. Among the Pennatulids we no longer meet with *Pteroides griseum*; *Pennatula rubra* and *P. phosphorea* alone persist. Some individuals approach the variety *Pennatula phosphorea aculeata*. A variety of *Clavularia crassa* sometimes occurs.

It may be as well to remark, in conclusion, that this list, although including fifteen species, does not contain all the Aleyonaria indicated in the Mediterranean. Hitherto we have obtained only fragments of *Mopsea elongata* in the great depths, and we have not yet seen upon our shores *Virgularia*, *Funiculina*, *Kophobelemnion*, or, lastly, *Stylobelemnion pusillus*, which, however, issues from the Mediterranean, and occurs in the Bay of Biscay.—*Comptes Rendus*, April 5, 1882, p. 985.

Alteration of Generic Names.

We have been requested to publish the following alterations of the names of certain genera recently proposed in Capt. Broun's 'Manual of New-Zealand Coleoptera'*, they having been previously used either in that order or in other branches of zoology.

Melanochroa for *Cyclomorpha*.

Geochus for *Geophilus*.

Phorostichus for *Pachyodon*.

Dermothrius for *Pachypeza*.

Hydora for *Pachycephala*.

Inosomus for *Stenopus*.

Priates for *Priatelus*.

Methemus for *Capnodes*.

Acrantus for *Homarus*.

Incentia for *Indecentia*.

On the Development of the Ganglion and of the "Ciliated Sac" in the Bud of Pyrosoma. By M. L. JOLLET.

The organ in the Ascidia known as the *vibratile pit*, the *anterior tubercle*, the *olfactory organ*, or the *ciliated sac* consists altogether, as is well known, not only of a vibratile cavity, but also of a canal which follows on it and loses itself, as was first shown by M. de Lacaze-Duthiers, in a glandular mass subjacent to the nervous ganglion.

An olfactory function has generally been ascribed to this organ; nevertheless various hypotheses have been advanced as to its nature;

* This work was reviewed in the 'Annals' for May 1881, p. 412.—ED.